

Amendments to the Claims:

1-28. (Canceled)

29. (Previously presented) A method of constructing of a transportable modular building, comprising the step of:

(a) making a foundation at a building site;

(b) producing in a factory, out of the building site, at least one service module of a frame construction, which enables a container transportation and is provided with appropriate building installations, wherein critically its height substantially corresponds to half of its length;

(c) producing in a factory, out of the building site, at least two horizontal segments of a frame construction, critically having a width substantially corresponding to the height of the service module and a length substantially corresponding to the length of the service module, and at least one vertical segment of a frame construction, critically having the height substantially corresponding to the height of the service module and the length substantially corresponding to the length of the service module;

(d) transporting the service modules, the horizontal and vertical segments to the building site by means of a vehicle apt to container transportation;

(e) attaching the service modules on the foundation of the building;

(f) attaching an appropriate number of the horizontal segments on the foundation of the building and connecting them with the service module at the level of the bottom plate of the service module;

(g) attaching an appropriate number of the vertical segments to the horizontal segments; and

(h) attaching an appropriate number of the horizontal segments to the vertical segments and to the service module at the level of the top plate of the service module.

30. (Previously presented) The method as claimed in claim 29, wherein the horizontal segments are attached to the service module perpendicularly to the longitudinal axis thereof.
31. (Previously presented) The method as claimed in claim 29, wherein at least two service modules are connected in end to end aligned relation with each other on the same level.
32. (Previously presented) The method as claimed in claim 29, additionally comprising the step of connecting of at least two service modules parallel one on another.
33. (Previously presented) The method as claimed in claim 29, wherein said building segments are being provided with appropriate door and window openings and/or appropriate building installations during producing thereof.
34. (Previously presented) The method as claimed in claim 29, additionally comprising the step of connecting to the building additional rafter framing, balconies and/or other structural elements.
35. (Previously presented) The method as claimed in claim 29, wherein during transportation the horizontal and/or vertical segments of the building are stacked and temporarily connected together, to form a block having length and width corresponding to length and width of a standardized container.
36. (Previously presented) The method as claimed in claim 29, wherein the length and width of the service module correspond to length and width of a standardized container.
37. (Previously presented) The method as claimed in claim 30, wherein at least two service modules are connected in end to end aligned relation with each other on the same level.

38. (Previously presented) The method as claimed in claim 30, wherein it additionally comprises the step of connecting of at least two service modules parallel one on another.
39. (Previously presented) The method as claimed in claim 30, wherein said building segments are being provided with appropriate door and window openings and/or appropriate building installations during producing thereof.
40. (Previously presented) The method as claimed in claim 30, additionally comprising the step of connecting to the building additional rafter framing, balconies and/or other structural elements.
41. (Previously presented) The method as claimed in claim 30, wherein during transportation the horizontal and/or vertical segments of the building are stacked and temporarily connected together, to form a block having length and width corresponding to length and width of a standardized container.
42. (Previously presented) The method as claimed in claim 30, wherein the length and width of the service module correspond to length and width of a standardized container.
43. (Previously presented) A transportable modular building comprising at least one service module (2) of a frame construction, which enables container transportation thereof and is advantageously provided with appropriate building installations, wherein critically its height (H) substantially corresponds to the half of its length (L), at least two horizontal segments (3) of a frame construction critically having a width substantially corresponding to the height (H) of the service module (2) and a length substantially corresponding to the length (L) of the service module (2), at least one vertical segment (4) of a frame construction, critically having a height substantially corresponding to the height (H) of the service module (2) and a length substantially

corresponding to the length (L) of the service module (2), wherein after assembling the building (1) at the building site, the horizontal segments (3) are attached to the foundation (5) of the building (1) on the level of the bottom plate of the service module (2) or on the level of the top plate of the service module (2) and to the vertical segments (4), and the vertical segments (4) are attached to the horizontal segments (3).

44. (Previously presented) The modular building as claimed in claim 43, wherein the horizontal segments (3) are attached perpendicularly to the longitudinal axis of the service module (2).
45. (Previously presented) The modular building as claimed in claim 43, wherein vertical assembly posts (6) of a square cross-section and the width substantially corresponding to the thickness of the vertical segment (4), are placed between neighbouring vertical segments (4).
46. (Previously presented) The modular building as claimed in claim 43, wherein the horizontal (3) and vertical (4) segments are of the same construction.
47. (Previously presented) The modular building as claimed in claim 43, wherein the horizontal (3) and vertical (4) segments are of the same dimensions.
48. (Previously presented) The modular building as claimed in claim 43, comprising at least two service modules (2), which after assembling the building (1), are connected in end to end aligned relation with each other on the same level.
49. (Previously presented) The modular building as claimed in claim 43, comprising at least two service modules (2), which, after assembling the building (1), are connected parallel one on another.

50. (Previously presented) The modular building as claimed in claim 43, comprising two service modules (2a, 2b), which after assembling the building (1), are connected in end to end aligned relation with each other on the same level, eight horizontal segments (3a) constituting the floor of the building, and eight horizontal segments (3b) constituting the roof of the building, which are attached to the side walls of the service modules (2a, 2b) on the level of the floors and the ceilings of the service modules, and eight vertical segments (4) attached to the horizontal segments (3a and 3b).
51. (Previously presented) The modular building as claimed in claim 44, wherein vertical assembly posts (6) of a square cross-section and the width substantially corresponding to the thickness of the vertical segment (4), are placed between neighbouring vertical segments (4).
52. (Previously presented) The modular building as claimed in claim 44, wherein the horizontal (3) and vertical (4) segments are of the same construction.
53. (Previously presented) The modular building as claimed in claim 44, characterized in that wherein the horizontal (3) and vertical (4) segments are of the same dimensions.
54. (Previously presented) The modular building as claimed in claim 44, comprising at least two service modules (2), which after assembling the building (1), are connected in end to end aligned relation with each other on the same level.
55. (Previously presented) The modular building as claimed in claim 44, comprising at least two service modules (2), which, after assembling the building (1), are connected parallel one on another.
56. (Previously presented) The modular building as claimed in claim 44, comprising two service modules (2a, 2b), which after assembling the building (1), are connected in end to end aligned relation with each other on the same level, eight horizontal segments

(3a) constituting the floor of the building, and eight horizontal segments (3b) constituting the roof of the building, which are attached to the side walls of the service modules (2a, 2b) on the level of the floors and the ceilings of the service modules, and eight vertical segments (4) attached to the horizontal segments (3a and 3b).

57. (Previously presented) A transportable modular building, comprising at least two service modules (2a, 2b) of a frame construction, which enable container transportation and are provided with appropriate building installations, wherein their height (H) substantially corresponds to the half of their length (L); at least sixteen horizontal segments (3a, 3b) of a frame construction having a width substantially corresponding to the height (H) of the service modules (2a, 2b) and the length substantially corresponding to the length (L) of the service modules (2a, 2b); and at least eight vertical segments (4) of a frame construction, having a height substantially corresponding to the height (H) of the service modules (2a, 2b) and a length substantially corresponding to the length (L) of the service modules (2a, 2b); wherein after assembling the building (1) at the building site, said service modules are connected in end to end aligned relation with each other on the same level; eight of said horizontal segments (3a) constitute the floor of the building; and eight of said horizontal segments (3b) constitute the roof of the building, said horizontal segments (3a, 3b) are attached to the side walls of the service modules (2a, 2b) on the level of the floors and the ceilings of the service modules, and said vertical segments (4) are attached to said horizontal segments (3a and 3b).
58. (Previously presented) The modular building as claimed in claim 43, wherein the horizontal and/or vertical segments of the building are stackable and temporarily connectable together, to form a block having length and width corresponding to length and width of a standardized container.

59. (New) A transportable modular building comprising at least two service modules (2a, 2b) of a frame construction, which enables container transportation thereof and is advantageously provided with appropriate building installations, wherein its height (H) substantially corresponds to the half of its length (L), at least two horizontal segments (3) of a frame construction having a width substantially corresponding to the height (H) of the service module (2) and a length substantially corresponding to the length (L) of the service module (2), at least one vertical segment (4) of a frame construction, critically having a height substantially corresponding to the height (H) of the service module (2) and a length substantially corresponding to the length (L) of the service module (2), wherein after assembling the building (1) at the building site, the horizontal segments (3) are attached to the foundation (5) of the building (1) on the level of the bottom plate of the service module (2) or on the level of the top plate of the service module (2) and to the vertical segments (4); the horizontal segments (3) are attached perpendicularly to the longitudinal axis of the service module (2); and the vertical segments (4) are attached to the horizontal segments (3).
60. (New) A method of constructing of a transportable modular building, comprising the step of:
- (a) making a foundation at a building site;
 - (b) producing in a factory, out of the building site, at least one service module of a frame construction, which enables a container transportation of the service module, and is provided with appropriate building installations selected from electrical installation, water supply and sewage system, wherein critically its height substantially corresponds to half of its length;
 - (c) producing in a factory, out of the building site, at least two horizontal segments of a frame construction, critically having a width substantially corresponding to the height of the service module and a length substantially corresponding to the length of the service module, and at least one vertical segment of a frame construction, critically having the height substantially corresponding to the height of the service module and the length substantially corresponding to the length of the service module,

the horizontal segments and the vertical segment being separate from one another and separate from the service module;

(d) transporting the service module, and the horizontal and vertical segments to the building site by means of a vehicle apt to container transportation, wherein the service module is transported in a fully-erected state;

(e) attaching the service modules on the foundation of the building;

(f) attaching an appropriate number of the horizontal segments on the foundation of the building and connecting them with the service module at the level of the bottom plate of the service module;

(g) attaching an appropriate number of the vertical segments to the horizontal segments; and

(h) attaching an appropriate number of the horizontal segments to the vertical segments and to the service module at the level of the top plate of the service module.

61. (New) A transportable modular building comprising at least one service module (2) of a frame construction, which enables container transportation thereof in a fully-erected state, said service module being provided in a fully-erected state with appropriate building installations selected from electrical installation, water supply and sewage system, wherein critically its height (H) substantially corresponds to the half of its length (L); at least two horizontal segments (3) of a frame construction critically having a width substantially corresponding to the height (H) of the service module (2) and a length substantially corresponding to the length (L) of the service module (2), at least one vertical segment (4) of a frame construction, critically having a height substantially corresponding to the height (H) of the service module (2) and a length substantially corresponding to the length (L) of the service module (2), wherein after assembling the building (1) at the building site, the horizontal segments (3) are attached to the foundation (5) of the building (1) on the level of the bottom plate of the service module (2) or on the level of the top plate of the service module (2) and to the vertical segments (4), and the vertical segments (4) are attached to the horizontal segments (3).